

**GRAFTED NETWORK INCORPORATING A MULTIPLE
CHANNEL FLUID FLOW CONNECTOR**

Abstract

5 A grafted network including one or more graft segments
for use in coronary bypass procedures and which are
configured to operably transport bypass blood flow from a
singular supply location to one or more delivery locations
in the grafted network is provided in combination with one
10 or more multiple channel blood flow connectors for directing
such bypass blood flow in the grafted network to one or more
vascular members requiring restorative blood flow thereto.
The grafted network also preferably includes one or more
devices for operably maintaining the grafted network under
15 relatively high internal fluid pressure so as to
continuously supply selective vascular members with adequate
bypass blood flow.